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Title: ERBB HETERODIMERS AS BIOMARKERS
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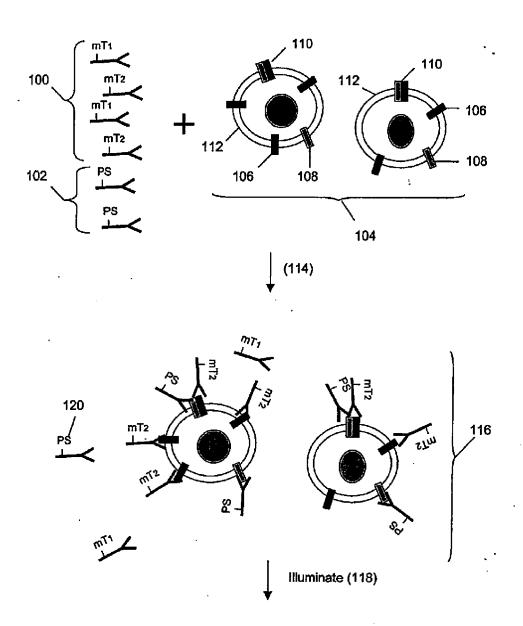


Fig. 1A

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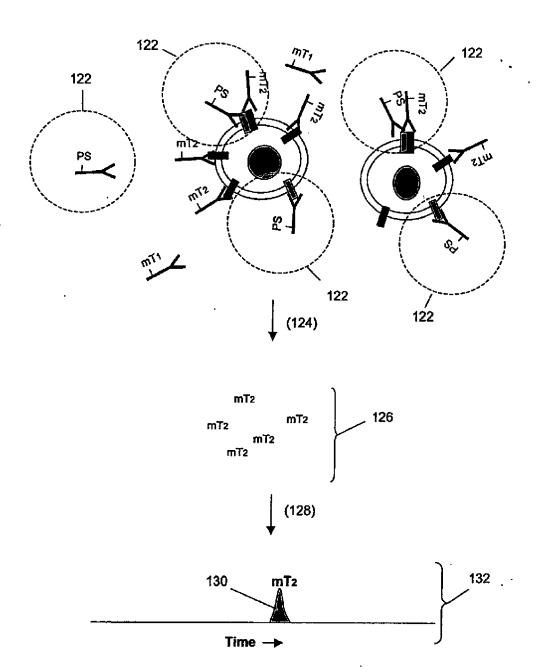


Fig. 1B

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Measurement of Cell Surface Receptor Dimers

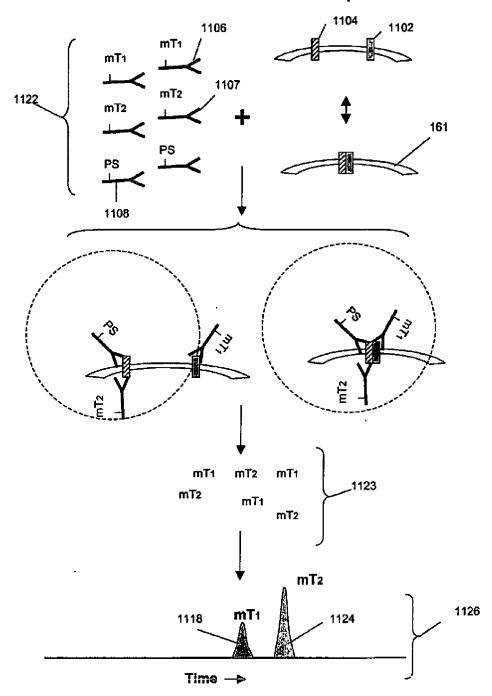


Fig. 1C

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Homodimers

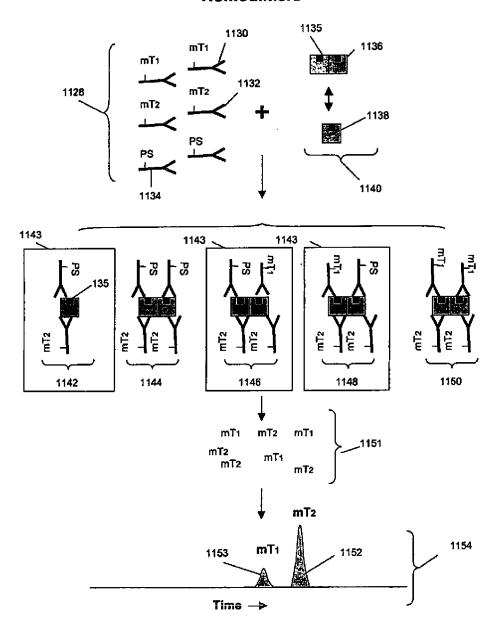


Fig. 1D

Title: ERBB HETERODIMERS AS BIOMARKERS Inventor(s): Po-Ying Chan-Hui et al. Atty. Docket No.: 25237-12978 Sheet 5 of 36

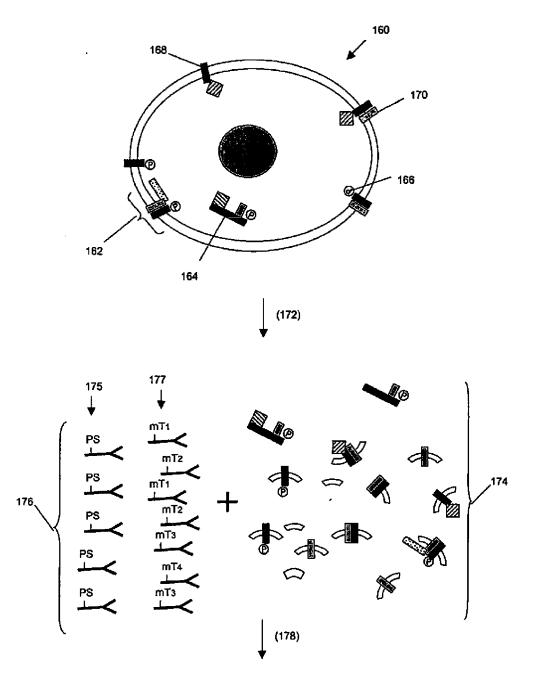


Fig. 1E

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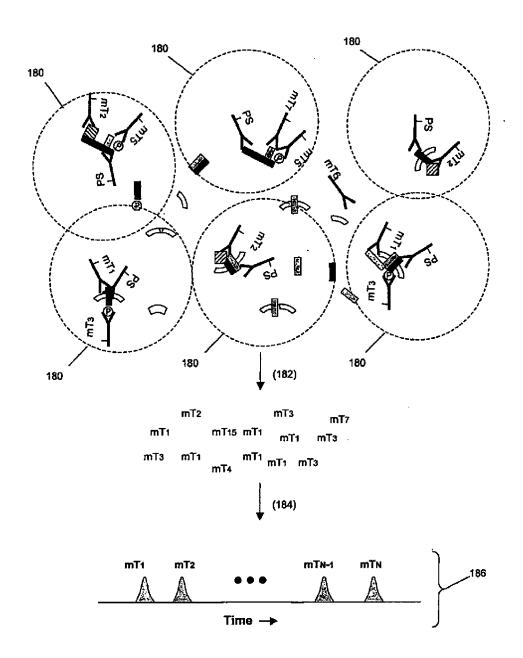


Fig. 1F

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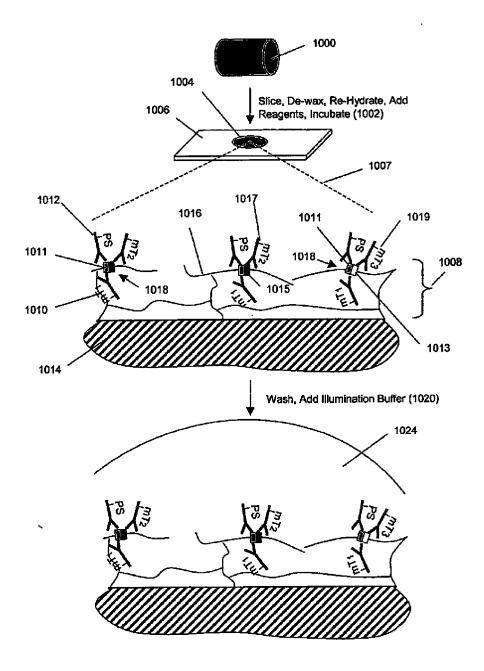


Fig. 1G

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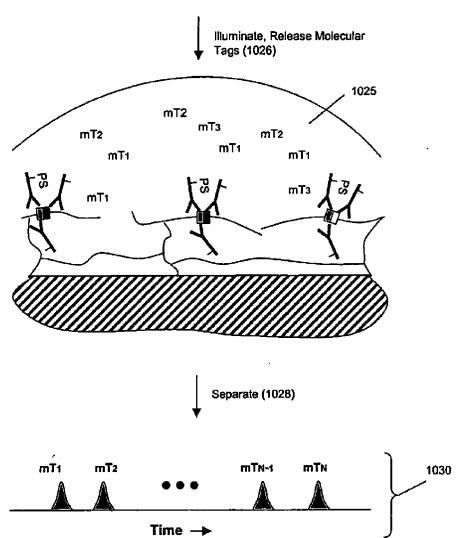


Fig. 1H

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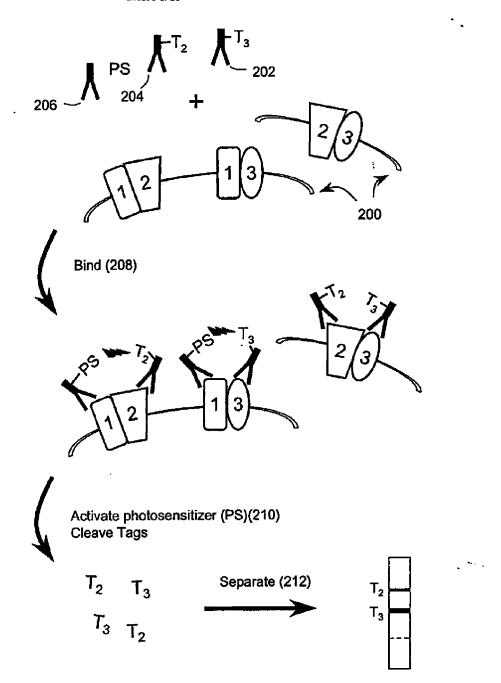


Fig. 2A

Title: ERBB HETERODIMERS AS BIOMARKERS
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Assay	Receptor-Specific Antibody 1 2 3			Membrane
i	PS	T ₂	T ₃	+
11		T_2	T ₃	+
III	PS		T ₃	+
IV	PS	T_2		+
V	PS	T_2	منحبين	-

Fig. 2B

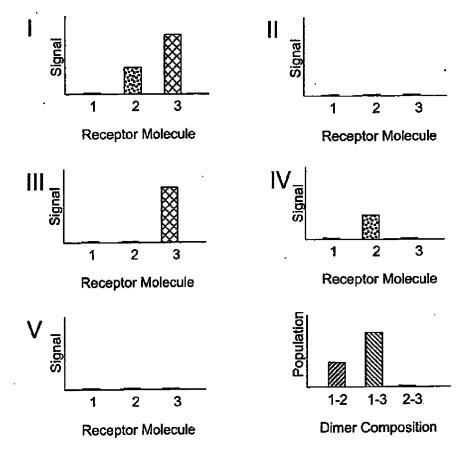
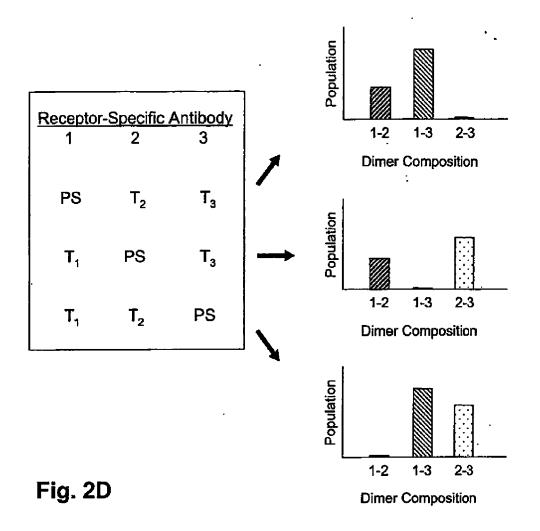
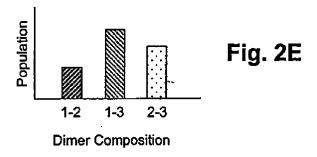


Fig. 2C

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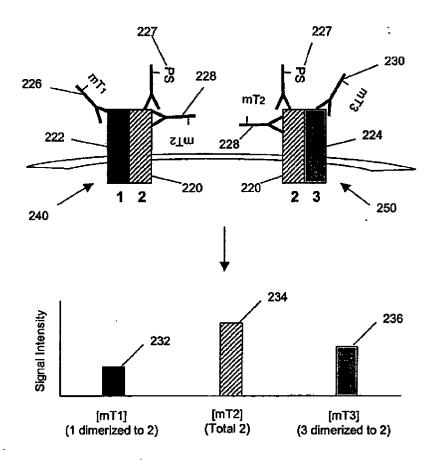


Fig. 2F

Title: ERBB HETERODIMERS AS BIOMARKERS Inventor(s): Po-Ying Chan-Hui et al. Atty. Docket No.: 25237-12978
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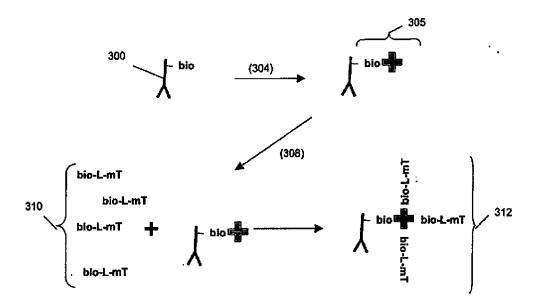


Fig. 3A

Fig. 3B

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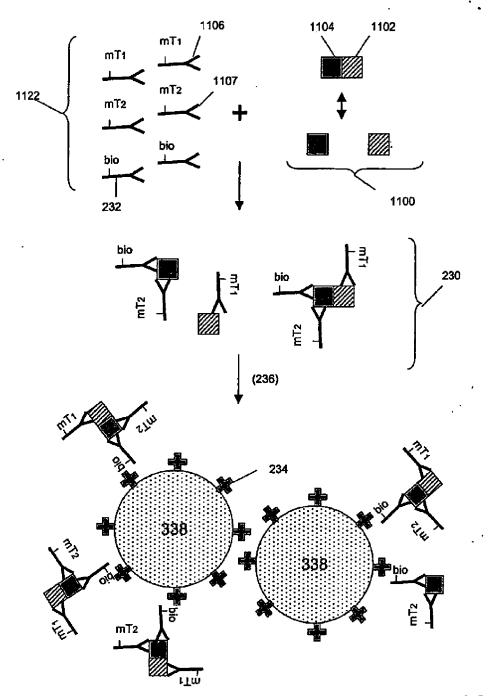


Fig. 3C

Title: ERBB HETERODIMERS AS BIOMARKERS

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1:

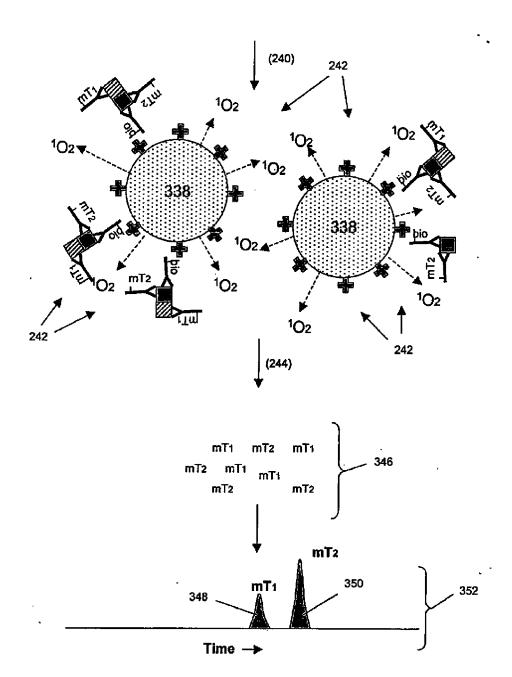


Fig. 3D

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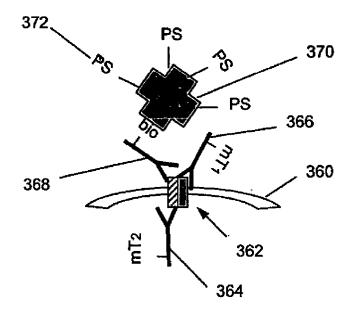


Fig. 3E

REPLACEMENT DRAWINGS
Title: ERBB HETERODIMERS AS BIOMARKERS
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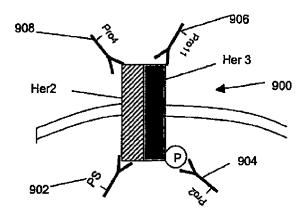


Fig. 4A

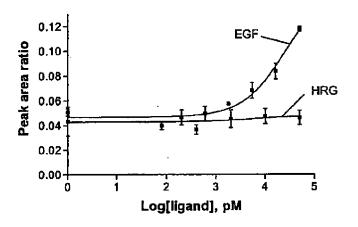


Fig. 4B

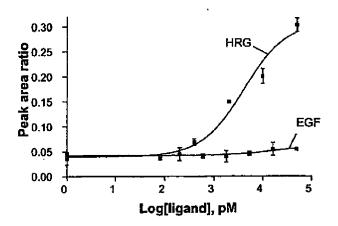
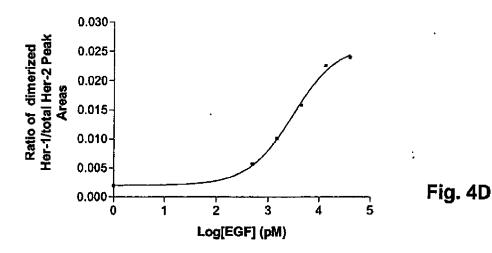
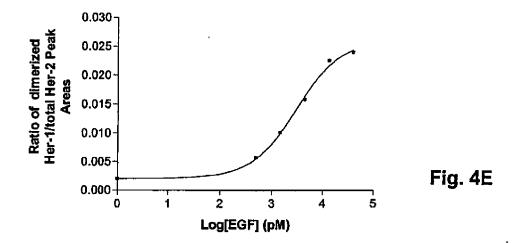


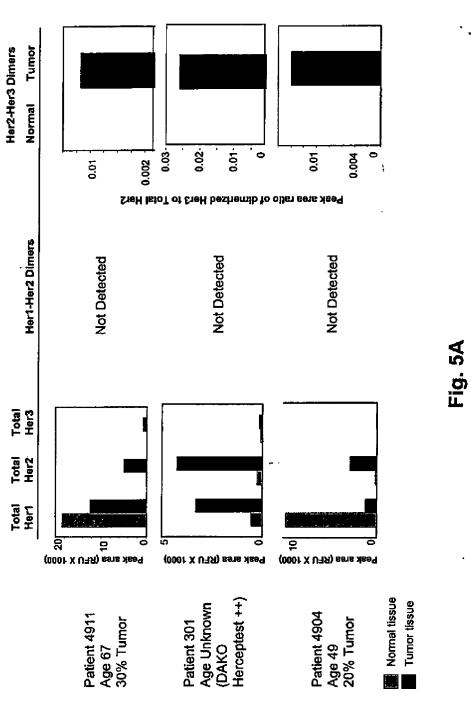
Fig. 4C

REPLACEMENT DRAWINGS
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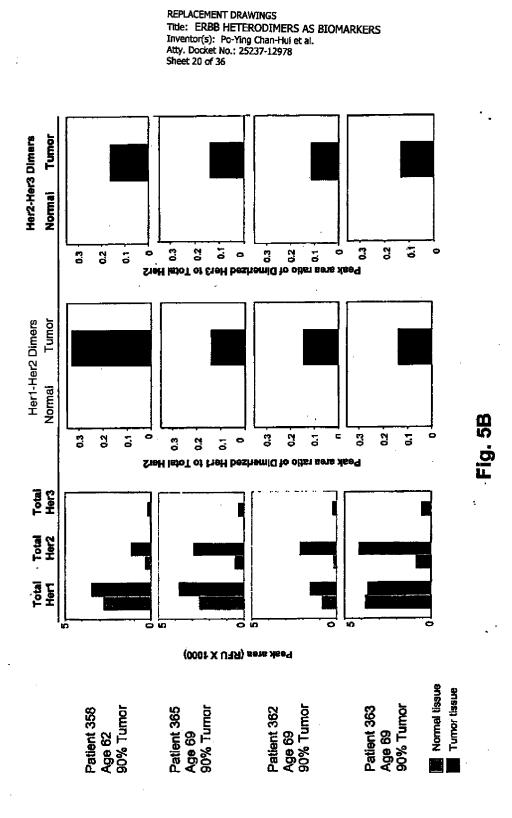


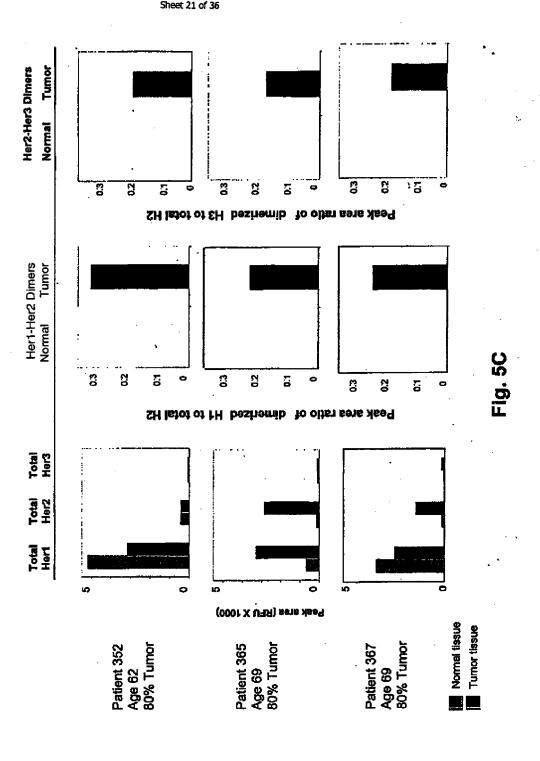




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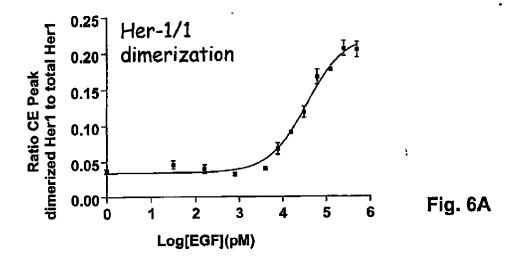




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2.2

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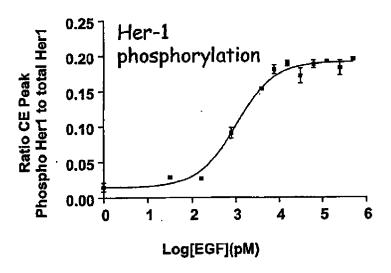
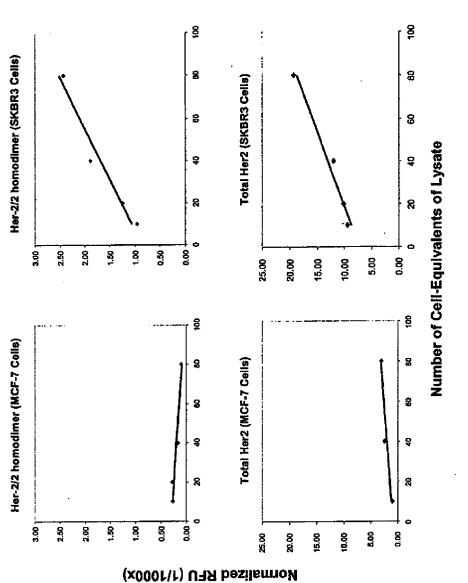


Fig. 6B



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Fig.

Her -1/3 Phosphorylation 0.75 0.25 0.00 1,0 0.50 Her 1/3 to Total Her3 Peak area ratio of Phosphorylated Her -1/3 Heterodimerization 0.3 0.2 0.0 0.1 to Total Her3 Peak area ratio of Dimerized Herf

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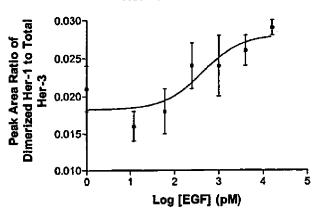


Fig. 9A

:

Her1/3 Dimerization

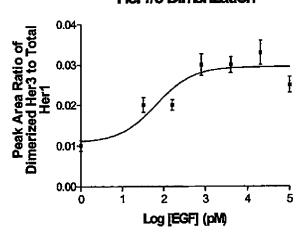


Fig. 9B

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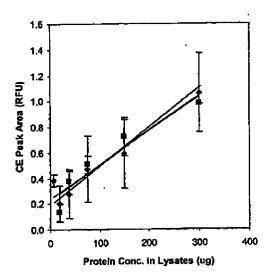


Fig. 10A

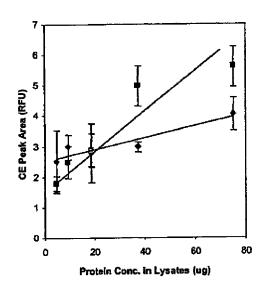


Fig. 10B

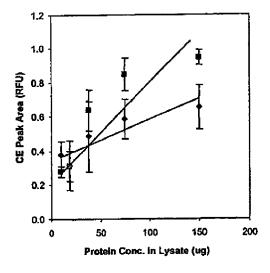


Fig. 10C

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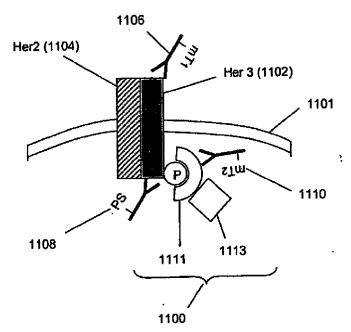


Fig. 11A

PI3K/Her-3 Complex in MCF-7 Cells

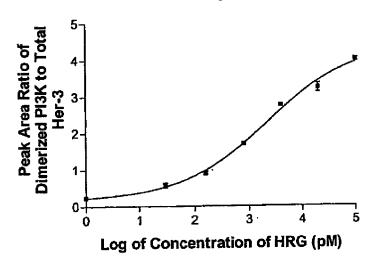


Fig. 11B

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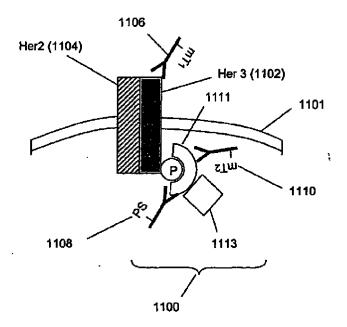


Fig. 11C

PI3K/Her-3 Complex in MCF-7 Cells

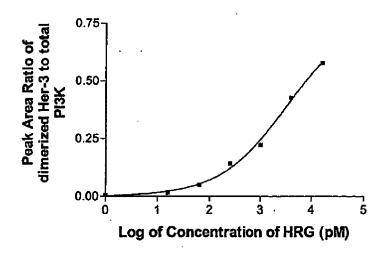


Fig. 11D

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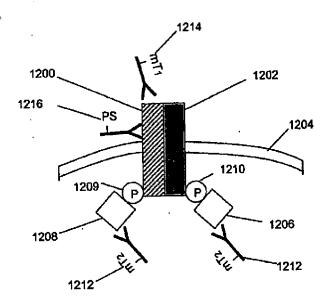


Fig. 12A

Shc/Her-2 Complex in MCF-7 Cells

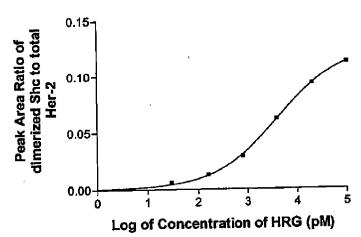


Fig. 12B

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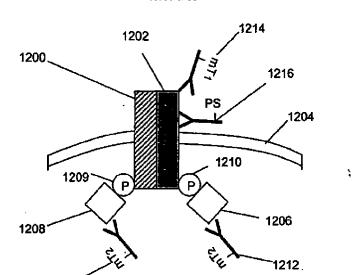


Fig. 12C

Shc/Her-3 Complex in MCF-7 Cells

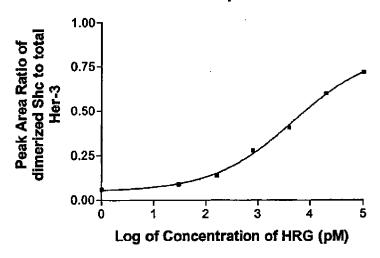


Fig. 12D

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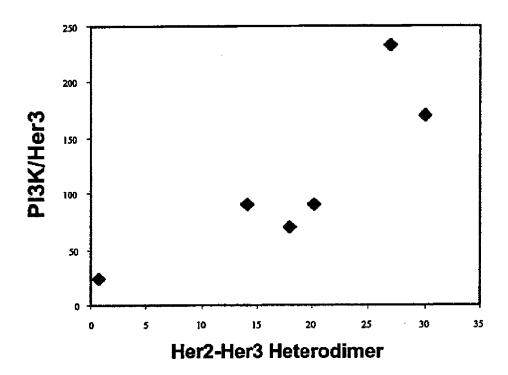
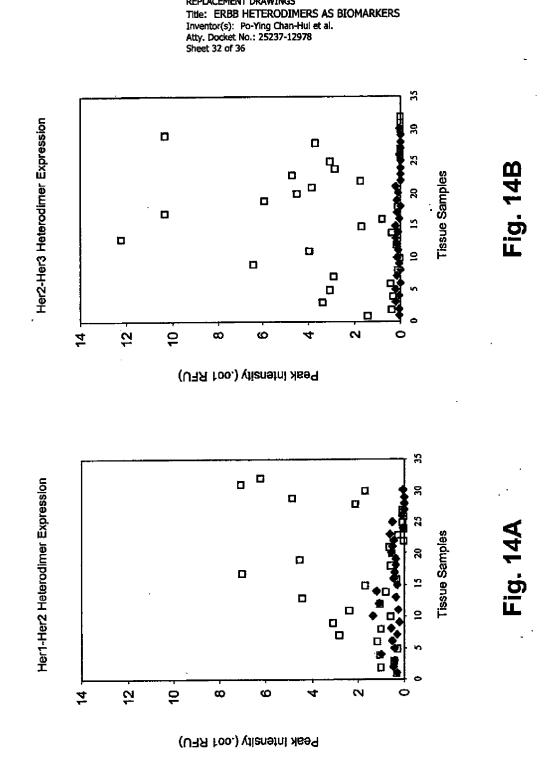


Fig. 13



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FFPE Sections of MDA-MB-468 Cells on Glass Slides

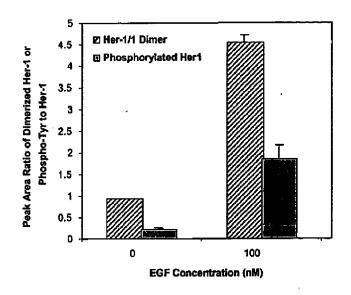


Fig. 15A

Her-2/2 assay - MCF7 and SKBR3 paraffin sections

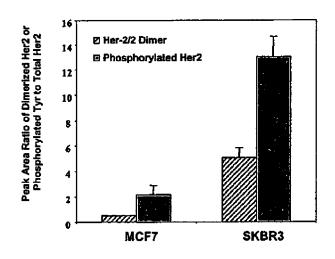


Fig. 15B

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FFPE Sections of MCF-7 Cells on Glass Stides

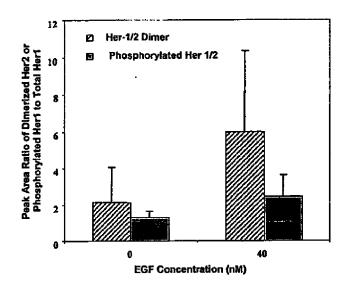


Fig. 15C

FFPE Sections of 22Rv1 Cells on Glass Slides

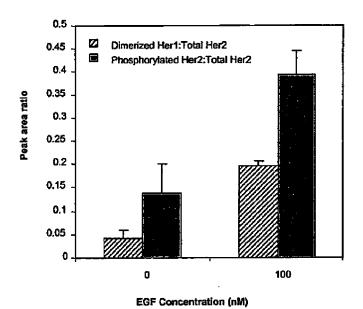


Fig. 15D

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FFPE Sections of MCF-7 Cells In Tube

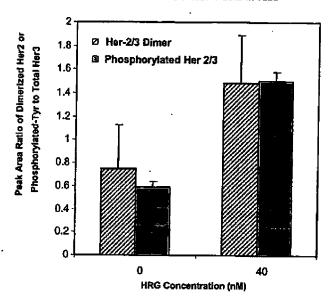


Fig. 15E

FFPE Sections of MCF-7 Cells on Glass Slides: Her2-Her3 Dimer:Total Her3 and PI3K-Her3 Dimer:Total Her3

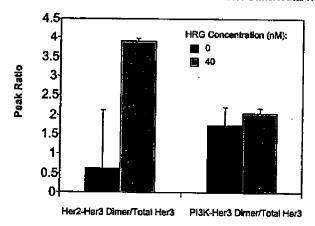


Fig. 15F

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FFPE Sections of MCF-7 Cells on Glass Slides

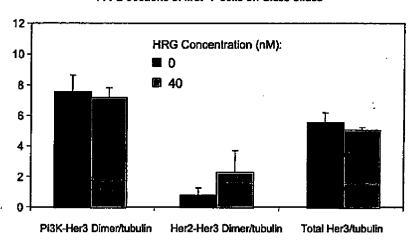


Fig. 15G